

IN THE CLAIMS

1. (currently amended) An integrated data reproducing apparatus comprising:

a memory configured to store copyrightable contents data, subordinate data, and right data, said contents data including at least one of audio data and video data, said subordinate data including a reproduction conditions label of said contents data, and said right data indicating a right to reproduce said contents data;

a reproducing unit configured to reproduce said contents data;

a controller configured to control said reproducing unit to reproduce said contents data based on said right data, and to change said right data based on said subordinate data when said contents data are reproduced; and

an interface that safely exchanges data with an external apparatus by encrypting the data, said reproduction conditions label identifying a charge type among the charge types of buying type, gross type and degree type, and respectively specifying the charge conditions,

said memory storing at least one of information concerning a number of occurrences in which said contents is reproduced and information concerning an amount of time during which said contents is reproduced,

said information concerning a number of occurrences in which said contents is reproduced and/or said information concerning an amount of time during which said contents is reproduced being updated upon reproduction of contents, and

said at least one of information concerning a number of occurrences in which said contents is reproduced and information concerning an amount of time during which said contents is reproduced being transmitted through said interface in support of the updating that occurs upon reproduction,

the right data including an encrypted use period and a key for decrypting the encrypted use period.

2. (previously presented) The integrated data reproducing apparatus according to claim 1, wherein said subordinate data includes identifiers of said contents data and said memory stores a log of an identifier of decoded contents data when said contents data is decoded.

3. (previously presented) The integrated data reproducing apparatus according to claim 1, further comprising an interface that safely exchanges data with an external apparatus by encrypting the data, wherein said right data is transmitted through the interface.

4. (previously presented) The integrated data reproducing apparatus according to claim 3, wherein the interface has a contactless communicating unit.

5. (previously presented) The integrated data reproducing apparatus according to claim 4, wherein the interface has an electric power receiving unit;

and data stored in said memory can be accessed through said interface by receiving power through said interface.

6. (canceled)

7. (previously presented) The integrated data reproducing apparatus according to claim 1, wherein said interface has a contactless communicating unit.

8. (previously presented) The integrated data reproducing apparatus according to claim 7, wherein said interface has an

electric power receiving unit and data stored in said memory can be accessed through said interface by receiving power through said interface.

9. (previously presented) The integrated data reproducing apparatus according to claim 1, wherein when the contents data are decoded, a decoding condition is embedded as a watermark into the output data.

10. (previously presented) The integrated data reproducing apparatus according to claim 9, wherein when the contents data includes a watermark, the contents data can be decoded when the watermark is the same as the decoding condition.

11. (currently amended) A data reproducing method to reproduce copyrightable contents data stored in a storage of an integrated data reproducing apparatus, the method comprising the steps of:

using said integrated data reproducing apparatus for reproducing said contents data, said contents data including at least one of audio data and video data; and

controlling the update of right data corresponding to said contents data based on subordinate data when said contents data is reproduced, said right data indicating a right to reproduce said contents data, and said subordinate data including a reproduction conditions label of said contents data,

said reproduction conditions label identifying a charge type among the charge types of buying type, gross type and degree type, and respectively specifying the charge conditions,

said storage storing at least one of information concerning a number of occurrences in which said contents is reproduced and information concerning an amount of time during which said

contents is reproduced,

said information concerning a number of occurrences in which said contents is reproduced and/or said information concerning an amount of time during which said contents is reproduced being updated upon reproduction of contents,

said integrated data reproducing apparatus including an interface that safely exchanges data with an external apparatus by encrypting the data, and

said at least one of information concerning a number of occurrences in which said contents is reproduced and information concerning an amount of time during which said contents is reproduced being transmitted through said interface in support of the updating that occurs upon reproduction,

the right data including an encrypted use period and a key for decrypting the encrypted use period.

12.-48. (canceled)

49. (currently amended) An integrated data reproducing apparatus comprising:

a memory configured to store copyrightable contents data, subordinate data, and right data, said contents data including at least one of audio data and video data, said subordinate data including a reproduction conditions label of said contents data, said right data indicating a right to reproduce said contents data;

a reproducing unit configured to reproduce said contents data;

a controller configured to control said reproducing unit to reproduce said contents data based on said right data and to change said right data based on said subordinate data when contents data reproduced by said reproducing unit is not free; and

an interface that safely exchanges data with an external apparatus by encrypting the data,

said reproduction conditions label identifying a charge type among the charge types of buying type, gross type and degree type, and respectively specifying the charge conditions,

said memory storing at least one of information concerning a number of occurrences in which said contents is reproduced and information concerning an amount of time during which said contents is reproduced, and

said information concerning a number of occurrences in which said contents is reproduced and/or said information concerning an amount of time during which said contents is reproduced being updated upon reproduction of contents, and

said at least one of information concerning a number of occurrences in which said contents is reproduced and information concerning an amount of time during which said contents is reproduced being transmitted through said interface in support of the updating that occurs upon reproduction,

the right data including an encrypted use period and a key for decrypting the encrypted use period.

50. (previously presented) The integrated data reproducing apparatus according to claim 49, wherein when the decoded contents data is free, the controller does not change said right data stored in said memory.

51. (previously presented) The integrated data reproducing apparatus according to claim 49, further comprising a converting unit configured to convert output contents data outputted from the decoding unit into an analog signal.

52. (previously presented) The integrated data reproducing apparatus according to claim 49, wherein history information of

the decoded data are stored said memory.

53. (previously presented) The integrated data reproducing apparatus according to claim 52, further comprising a communicating unit, wherein the history information and the right data are transmitted to an external apparatus through the communicating unit.

54. (previously presented) The integrated data reproducing apparatus according to claim 53, wherein an operation power is supplied to the apparatus from an exterior source through the communicating unit.

55. (previously presented) The integrated data reproducing apparatus according to claim 49, wherein the decoding unit comprises a decoder configured to decode an encryption performed on the contents data and a decompressing unit configured to decompress the data decoded by the decoder.

56. (previously presented) The integrated data reproducing apparatus according to claim 49, further comprising a watermark detecting unit for detecting whether a watermark has been added to output data outputted from the decoding unit, wherein when the watermark is not detected from the decoded data, the decoded data are outputted.

57. (previously presented) The integrated data reproducing apparatus according to claim 56, wherein when the data regarding the decoding conditions are included in the watermark detected by the watermark detecting unit, the controller collates the output data with the data regarding the decoding conditions extracted from the decoded subordinate data and outputs the reproducing data from the decoding unit when the data

corresponding to the decoding conditions detected by the watermark detecting unit coincides with the data corresponding to the reproducing conditions extracted from the decoded subordinate data stored in the first storage.

58. (previously presented) The integrated data reproducing apparatus according to claim 56, wherein when the data regarding the decoding conditions detected by the watermark detecting unit does not coincide with the data regarding the reproducing conditions extracted from the decoded subordinate data stored in the first storage, the controller does not output the decoded contents data from the decoding unit.

59. (previously presented) The integrated data reproducing apparatus according to claim 58, wherein said decoding unit further includes a decoding conditions detecting unit configured to extract the data regarding the decoding conditions from the decoded contents data.

60. (previously presented) The integrated data reproducing apparatus according to claim 57, further comprising a watermark adding unit configured to add a watermark formed on the basis of the data regarding the decoding conditions, wherein when the watermark cannot correctly be detected from the decoded contents data outputted from said decoding unit by the watermark detecting unit, the watermark adding unit forms the watermark and adds the watermark to the decoded contents data.

61. (previously presented) The integrated data reproducing apparatus according to claim 60, wherein when the watermark is correctly detected from the decoded contents data from the decoding unit by said watermark detecting unit, said watermark adding unit does not add the watermark to the decoded contents

data.

62. (previously presented) The integrated data reproducing apparatus according to claim 49, wherein said decoding unit, said memory, and said controller are constructed as one chip.

63. (previously presented) The integrated data reproducing apparatus according to claim 49, wherein when the right data stored said memory unit indicate that the decoded contents data cannot be reproduced, said controller stops the decoding process.

64.-86. (canceled)

87. (previously presented) The integrated data reproducing apparatus according to claim 1, wherein said contents data includes at least one of audio data, video data, still image data, character data, computer graphic data, game software, and a computer program.

88. (previously presented) The integrated data reproducing apparatus according to claim 49, wherein said contents data includes at least one of audio data, video data, still image data, character data, computer graphic data, game software, and a computer program.

89. (previously presented) The data reproducing method according to claim 11, further comprising the step of exchanging data with an external apparatus through an interface by encrypting the data, wherein said right data is transmitted through the interface.

90. (previously presented) The data reproducing method

according to claim 89, wherein the step of exchanging data comprises the step of exchanging data through an interface that includes a contactless communicating unit.

91. (previously presented) The data reproducing method according to claim 90, wherein the step of exchanging data comprises the step of exchanging data through an interface that includes an electric power receiving unit;

and wherein data can be accessed through said interface by receiving power through said interface.

92. (previously presented) The data reproducing method according to claim 11, further comprising the step of transmitting a reproduction log through an interface.

93. (previously presented) The data reproducing method according to claim 92, wherein the step of exchanging data comprises the step of exchanging data through an interface that includes a contactless communicating unit.

94. (currently amended) The data reproducing method according to claim 93~~94~~, wherein the step of exchanging data comprises the step of exchanging data through an interface that includes an electric power receiving unit;

and wherein data can be accessed through said interface by receiving power through said interface.

95. (previously presented) The data reproducing method according to claim 11, wherein said step of reproducing comprises the steps of decoding said contents data and embedding a decoding condition as a watermark on the decoded data.